

# ksc bulletin



No. 33-00 - August 18, 2000

National Aeronautics and  
Space Administration

John F. Kennedy Space Center  
Kennedy Space Center, Florida 32899

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All notices contained herein must comply with the nondiscriminatory principles of the Federal Equal Opportunity Program.  
Advertised items must be available without regard to race, color, religion, sex, age, national origin, or disability.  
URL: <http://www-lib.ksc.nasa.gov/lib/bulletin/bulletin.htm> (KSC only)  
Deadline for Official/Unofficial notices - Monday, 9 a.m.

## OFFICIAL

**OFFICIAL/UNOFFICIAL KSC BULLETIN NOTICES:** Personnel who wish to make changes to, or withdraw, an already submitted Official or Unofficial KSC Bulletin notice, must do so **IN WRITING** no later than 9 a.m., Monday, prior to the Friday publication date. Changes and withdrawals cannot be accepted by telephone. Mail or fax changes or withdrawals to Marilee Tewksbury, TA-E1, FAX/867-1458. (TA-E1)

**AUGUST HEALTH EDUCATION AND WELLNESS PROGRAM—DIABETES:** The number of people who have diabetes is increasing at an alarming rate, particularly Type 2 (non-insulin dependent) diabetes. Type 2 diabetes most often strikes adults who are overweight and lead sedentary lifestyles. About one-half of those afflicted are not aware they have the disease. Diabetes can cause complications such as heart disease, kidney failure, nerve damage, blindness and deterioration of the blood vessels. August's packet will contain information on all types of diabetes, symptoms, those at risk, prevention and treatment. Packets will be available at all medical facilities in August and upon request to Carol Roth, 867-3414, email **Roth-1, Carol**. (TA-C2)

**WOMEN'S HEALTH AND MEN'S HEALTH** will be the September Health Education and Wellness Program topic. (TA-C2)

**AUGUST'S VISION SCREENING:** Visual Acuity and Glaucoma Testing.  
Tuesday August 22 11 a.m. – 1 p.m. OHF (Occupational Health Facility) (TA-C2)

**COLORECTAL CANCER SCREENING,** with Hemoccult slide kits, is available at all medical facilities during hours of operation. (TA-C2)

**SCREENING MAMMOGRAMS** for breast cancer are available at KSC, southwest corner of parking lot behind HQ Building. Call 1-800-367-1870 for an appointment. (TA-C2)

**HEALTH EDUCATION AND WELLNESS TRAINING TAPES ON KSC's CHANNEL 60:** NASA's Training and Information Channel. Presented every Friday at 11 a.m. (TA-C2)

**WORK SITE LECTURES** on any health subject upon request. Individual counseling, including smoking cessation, is available by appointment or on a walk in basis. Call Carol Roth, 867-3414, email **Roth-1, Carol**. (TA-C2)

**CANCER SUPPORT GROUP:** SGS/CHS offers a Cancer Support Group for KSC/CCAFS personnel who wish to participate. The kickoff session for the Cancer Support Group is scheduled to begin on Thursday, August 10, 2000. We will convene every Thursday at 11 a.m. for approximately 45 minutes, in Building M6-495, KSC Industrial Area, Occupational Health Facility (OHF) Library, Room 404. Bring your lunch and join us for this informative support group. Please email Betty Wendell at **betty.wendell-1@ksc.nasa.gov** or call her at 867-2518 for more information and to sign up. (TA-C2)

**SMOKING CESSATION BEHAVIORAL SUPPORT GROUPS:** SGS/CHS Medical offers smoking cessation behavioral support groups for KSC/CCAFS personnel who wish to quit smoking. The groups are led by a physician, the employee assistance counselor, and other health education professionals. The physician prescribes Zyban (oral medication-bupropion) which has been shown to be a very effective adjunct to the nicotine patch for those willing to quit. Groups convene every Tuesday from 7:30 a.m. – 8:30 a.m., 11:00 a.m. – 12:00 noon; and, 2:30 p.m. – 3:30 p.m. to enable times for all shifts. The groups meet at the Occupational Health Facility, M6-495, in the KSC Industrial Area. Call Nancy at 867-2025 for sign-up. (TA-C2)

**OCCUPATIONAL HEALTH PROGRAM:** NASA's Occupational Health Program is participating in a cutting-edge research project to assist in smoking cessation and to aid in staying smoke free. The program can be accessed from your desktop. Civil servants and contractors are eligible to participate. To access the program a link has been added to the NASA Occupational Health Program website at **<http://ohp.ksc.nasa.gov/>**. For additional information on the program contact the QuitCigs Project, ORCAS, 800-934-0626, **[quetcigs@orcasin.com](mailto:quetcigs@orcasin.com)**. If you have problems accessing the program, contact Steve Pierce, 867-4047, **Pierce-1, Steve**. (BIO-5)

**KSC FITNESS CENTERS—FIT OVER 50:** Tuesdays at O&C, 5 p.m. – 5:30 p.m. This class is designed for individuals around the age of 50 and over who want to see improvements in their energy level, stress level, balance and coordination, flexibility, strength, endurance, self esteem, self confidence, assertiveness, eating habits, sleep, and overall quality of life. If you want to feel better, join Kay Murray in our **Fit over 50** group exercise class on Tuesdays at 5 p.m. Contact Kay, Tuesday, Wednesday, or Thursday, at 867-7829, or 861-3028 for more details. (TA-C2)

**KSC/CCAFS MEDICAL CLINICS—HOURS OF OPERATION:** There are three medical clinics at KSC/CCAFS:  
Occupational Health Facility (OHF) - KSC Industrial Area (SW corner of 2nd Street and C Avenue, Bldg. M6-495)  
Launch Area Clinic (LAC) - KSC Launch Area (located in the Multifunction Facility (MFF) Bldg. K6-1145, next to the cafeteria)  
Cape Area Clinic (CAC) - CCAFS Industrial Area (NE corner of Industry Road & Hangar Road, Bldg. 49635)  
The three clinics are open to all KSC/CCAFS employees for job-related medical examinations and emergency medical treatments. Hours of operation are:

OHF - Mon-Friday, 7:00 a.m. - 5:00 p.m. (excluding holidays)  
LAC - 24 hours-a-day, 7 days-a-week  
CAC - Mon-Friday, 7:00 a.m. - 3:30 p.m. (excluding holidays)

Please note that the LAC is the only facility open 24 hours-a-day, 7 days-a-week. It is available for all work shifts and should be the primary clinic for KSC/CCAFS on second and third shifts and weekends. **For any medical emergency at anytime, anywhere on KSC or CCAFS, dial 911.** (TA-C2)

**NUTRITION TIP OF THE WEEK—FROM THE KSC FITNESS CENTERS:** Osteoporosis is a crippling disease that affects more than 25 million Americans. Consuming adequate amounts of calcium daily will help prevent the disease. With all the dairy products on the market, you shouldn't have difficulty finding a good source of calcium. However, if you're lactose intolerant, finding a good calcium source may prove a bit challenging. Adults need approximately 1,000 to 1,200 milligrams of calcium per day. Fortunately, many products other than dairy foods are high in calcium. Consider these alternatives for raking in your daily calcium requirements:

Canned salmon—200 mg of calcium per three-ounce serving.  
Calcium fortified orange juice—300 mg of calcium per eight-ounce glass.  
Collard greens—200 mg per one-cup cooked serving.  
Tofu—516 mg per cup. (TA-C2)

**EMPLOYEE ASSISTANCE PROGRAM:** All employees are reminded that the Employee Assistance Program offers free, confidential counseling to all Kennedy Space Center and Cape Canaveral Air Station employees. Appointments are necessary to ensure adequate time. This program is available Monday through Friday, 7:30 a.m. to 4:00 p.m. Appointments may be made by calling 867-7398. (TA-C2)

**EMPLOYEE EXPRESS AREA CODE CHANGE:** Please make this change in your address books—the area code for Macon, GA, changed on Aug. 1, 2000 from 912 to **478**. This change affects **all** of the Employee Express phone system numbers, the Helpdesk number, and the TDD number. The 912 code will still be accessible for one year. (BA-B)

### LIGHTNING MYTH OF THE WEEK:

Myth: If Outside In A Thunderstorm, Go Under A Tree To Stay Dry.

Truth: *Being underneath trees Is the third leading activity for lightning casualties—enough said?!* (TA-E2)

**KSC LIBRARY:** The following new specifications and standards are available for use in the KSC Library Documents, Specifications and Standards Department, HQ, Room 1124, and are not available for loan.  
ACGIH-TLV: 2000 TLVs and BEIs: Based on the Documentation of the Threshold Limit Values for Chemical Substances and Physical Agents and Biological Exposure Indices  
ISO-8087-85: Mobile Cranes: Drum and Sheave Sizes  
ISO-8686-1-89: Cranes: Design Principles for Loads and Load Combinations. Part 1: General  
ISO-9927-1094: Cranes: Inspections. Part 1: General  
ISO-10092-90: High Breaking Load Steel Wire Ropes: Specifications  
ISO-10972-1-98: Requirements for Mechanisms. Part 1: General  
ISO-11994-97: Cranes: Availability – Vocabulary  
ISO-12478-1-97: Cranes: Maintenance Manual. Part 1: General  
ISO-12482-1-95: Cranes: Conditions Monitoring. Part 1: General  
To search the Library's on-line catalog go to: <http://nasagalaxie.larc.nasa.gov/>. For questions call 867-3613 or mailto: [KSCLibrary@kscgws00.ksc.nasa.gov](mailto:KSCLibrary@kscgws00.ksc.nasa.gov). (TA-E1)

**KSC LIBRARY:** The following new books are available for loan from the KSC Library. If you need information, please call 867-3600 or visit the Library in HQ, Room 1301.  
Access Database, #525862  
Adaptive Software Development, #525722  
Avoiding Static Ignition Hazards in Chemical Operations, #525847  
Building Internet Firewalls, #525870  
Dock Manual, #525706  
Estimating the Flammable Mass of a Vapor Cloud, #525821  
Ethics in Technical Communication, #525763  
Handbook of Technical Formulas, #525789  
How to Write a Lab Report, #525748  
Improving Maintainability and Reliability Through Design, #525854  
Infrared Design Examples, #525474  
Introduction to Software Engineering, #525813  
Mathematics at Work, #525805  
Mouse that Roared, #525839  
Noise Control, #525730  
Safety Culture and Effective Safety Management, #525755  
Technical Communications Handbook, #525771  
To search the Library's on-line catalog go to: <http://nasagalaxie.larc.nasa.gov/>. For questions, call 867-3600 or mailto: [KSCLibrary@kscgws00.ksc.nasa.gov](mailto:KSCLibrary@kscgws00.ksc.nasa.gov). (TA-E1)



**KSC LIBRARY:** The following new documents are available for loan from the KSC Library Documents, Specifications and Standards Department, HQ, Room 1124, or by calling 867-3613.  
CPIA-PUB-692-VOLUME-1: JANNAF 24<sup>th</sup> Airbreathing Propulsion Subcommittee and 36<sup>th</sup> Combustion Subcommittee Joint Meeting  
KSC-00418: America's Space Program Firsts: Unmanned & Manned Mission Firsts  
LPI-CONTRIBUTION-1053: Catastrophic Events & Mass Extinctions: Impacts and Beyond  
LPI-CONTRIBUTION-1057: The Second International Conference on Mars Polar Science and Exploration  
LPI-CONTRIBUTION-1062: Concepts and Approaches for Mars Exploration  
NASA-CP-209890: Proceedings of the Twenty-Fourth Annual Software Engineering Workshop  
NASA-SP-7603: The NASA Scope and Subject Category Guide  
NASA-TM-210331: Loads Combination Research at Marshall Space Flight Center  
To search the Library's on-line catalog go to: <http://nasagalaxie.larc.nasa.gov/>. For questions call 867-3613 or mailto: [KSCLibrary@kscgws00.ksc.nasa.gov](mailto:KSCLibrary@kscgws00.ksc.nasa.gov). (TA-E1)

**KSC LIBRARY:** A new document, JSC-NSTS-37400, "Space Shuttle Program Upgrades Management Plan," has arrived at KSC for distribution. If you are interested in getting on the distribution list for this document and future updates, please contact the KSC Library in writing at mailcode: Library-D or by email: [ksc.library@ksc.nasa.gov](mailto:ksc.library@ksc.nasa.gov). Please respond within one week of this announcement with, your name, mailcode and phone number. Please allow approximately two weeks for delivery. This document is available online: <http://sspweb.jsc.nasa.gov/library/index.htm> under the category "SSP Plan." (TA-E1)

**KSC LIBRARY:** You may obtain copies of the following specification in HQ, Room 1124, by sending a request to mail code Library-D, calling 867-3613, or emailing [KSCLibrary@kscgws00.ksc.nasa.gov](mailto:KSCLibrary@kscgws00.ksc.nasa.gov).  
JSC-SW-E-0002, Change 71, 8/4/00 "Space shuttle ground support equipment general design requirements"  
This specification can also be found at: <http://sspweb.jsc.nasa.gov/ntdata/ssp/webdata/pdcweb/subdocs.htm>. (TA-E1)

**MESSENGER ENVELOPES (STANDARD FORMS 65 B & C) USERS:** All offices are reminded that excess messenger envelopes should be returned to the Forms Warehouse, through the mail and distribution system, for reissue. The appropriate mailcode to use is "Forms Warehouse." (TA-E1)

**USE OF FEDERAL PROPERTY:** There are statutory and regulatory prohibitions against the use of Federal property, facilities, and equipment for personal purposes. These prohibitions apply to such items as Government vehicles, office supplies, FTS (Federal Telecommunications Systems), Datafax, computers and network capabilities, reproduction equipment, tools, and a variety of utility and other items. This also applies to equipment provided by the Government for contractor use and to items issued to the Government. Employees have a positive duty to protect and conserve such items and other property entrusted to them. (BA-B)

**MISUSE OF OFFICE COPIER PAPER:** Paper delivered to the Lanier copiers must not be used for any purpose other than making copies on Lanier copiers. The costs of the machine, maintenance, and all other supplies (staplers, toner, etc.) are included in the cost of office copy paper; this paper is more expensive than paper issued for typing, fax machines, or laser printers. Paper for typing, faxing, and laser printers should be requisitioned from your Logistics Service Center (NASA/SGS only), under Stock No. 7530-01-335-2623. Contact Ann Gary, 867-9103 if you have any questions. (TA-B3)

| COMPETITIVE PLACEMENT PLAN—JOB OPPORTUNITIES:  |   |                       |                   |          |
|--|---|-----------------------|-------------------|----------|
| Annct. No.   | Position & Grade                                  | Area of Consideration | Open/Close Date   | Location |
| CPP 038-00   | AST, Supv., Environmental Engineering, GS-0801-15 | All Status Candidates | 08-11-00/08-18-00 | JJ-D     |
| CPP 039-00   | Supv. Physical Scientist, GS-1301-15              | "                     | 08-15-00/08-29-00 | TA-C3    |
| KSC-00-50  | AST, Aerospace Flight Systems, GS-861-13          | All Candidates        | 08-14-00/08-25-00 | VA       |
| KSC-00-51  | AST, Elect. Instrument. Systems, GS-855-13        | "                     | 08-21-00/08-25-00 | PH       |
| Applicants must submit an application (OF 612, Optional Application for Federal Employment or KSC Form 13-283, Competitive Placement Plan Application) for this position. Applications should be submitted to Workforce & Diversity Management Office, Employee Services (BA-B), HQ, Room 2507. (BA-B) |   |                       |                   |          |

**AUTHENTICATED:**



*Marilee Tewksbury*  
Marilee Tewksbury, Center Services (TA-E1)

**HASTE MAKES WASTE—STORE FLAMMABLES PROPERLY.**



SECURITY AMBULANCE FIRE  
911 7-7911 1-7911

U N O F F I C I A L

CAFETERIA MENU FOR WEEK OF AUGUST 21 THROUGH AUGUST 25

| *MONDAY                       | *TUESDAY                      | *WEDNESDAY                     | *THURSDAY                                 | *FRIDAY  |
|-------------------------------|-------------------------------|--------------------------------|---|--|
| Black Bean & Rice Soup        | Italian Minestrone Soup       | Home Style Chicken             | Split Pea & Country                       | Seafood Bisque Soup                            |
| Cajun Roast Eye Round of Beef | Fresh Baked Turkey w/Stuffing | Noodle Soup                    | Ham Soup                                  | Baked 1/4 Chicken w/Brown Rice & Chicken Gravy |
| **Asian Chicken w/Rice        | Szechwan Pork o/Rice          | Veal Parmesan w/Pasta          | New Orleans Roast Pork w/Red Beans & Rice | **Lemon Sole w/Almonds & Potatoes              |
|                               | **Mediterranean Mix           | Country Beef Stew w/Rice       | **Coq Au Vin o/Noodles                    |  |
|                               |                               | **Chinese Chicken w/Brown Rice |   |  |

\*Assorted vegetables, salads, desserts, and beverages available daily. \*\***Lighter By Choice** is our Nutritionally Balanced Selection. **Lighter By Choice** Grilled Chicken and Vegetable Burgers are available daily. Soup available daily—bowl, \$1.20/cup \$0.65. Each day a "Price Value Meal" or "Grill Price Value" is available and will be posted in each cafeteria. **La Pomadora:** A variety of Pizza, Stromboli, Calzone or Pasta is available daily.

**NASA EXCHANGE:** Run for the hills! The beanies are here! We have Classics, Buddies, Babies, and the newest edition—the Kids. Stop by while supplies last! STS-106 mission shirts are here and other mission memorabilia is arriving daily. Come in and purchase yours now.

**KSC EXCHANGE SERVICE STATION:** Automatic transmission service includes filter, gasket, up to 6 quarts of automatic transmission fluid and band service, if required. Most vehicles only \$44.95. We also service standard transmission, most vehicles \$25.95. Call for an appointment at 453-1254.

**KSC EXCHANGE—CITGO GAS STATION:** Pay at the pump is open 24 hours, 7 days a week, for gas and diesel. CITGO and all major credit cards accepted. For information, call 453-1254.

**KSC KARS: Ballroom Dance Classes** will start September 12, 2000 at KARS Park, KSC Dance Club Building.

**Basic** (Foxtrot, Rumba, and Waltz)  
**Intermediate** (Cha Cha and Swing)  
Classes will be taught for 10 weeks on Tuesdays at 5:30 p.m. and 7:00 p.m., respectively. The total cost is \$35 for the 10 weeks. For more information, call Mae at 452-3151 or Jeanette at 784-2674.

**KENNEDY SPACE CENTER FEDERAL CREDIT UNION REPOS:** Repos located at the Merritt Island office. 1994 Dodge B250 van, \$9,995; 1995 Ford Explorer 4wd, \$11,995; 1995 Dodge Neon, \$3,995; 1995 Dodge Avenger, \$4,000; 1997 Dodge Maxi Wagon, 10,000; 1999 Chevy Astro van, \$15,000; 1999 Chevy Cavalier, 2-door, Z24, \$11,000; 1995 Mazda Miata, \$9,000. Call 455-9400, ext. 1120. 1996 Chrysler Sebring, \$9,500; 1997 Ford Expedition, \$23,225; 1997 Ford Thunderbird LX, \$10,595, call 904/761-9752.

**KSC EXCHANGE HAIRSHOPS:** Is it time for a “New Look,” or a trim or to freshen up for the Summer? Come browse through our style books for a “free” consultation. Our staff can perform all your hair needs. We provide the latest in styles; Regular haircuts, braids, colors, perms, beard trims, flat-tops, and the “Executive” or “Razor” cuts. Call 867-7077, HQ, Room 1250, and ask for Joyce, or call 861-3026, OSB, Room 1118, and ask for Fred or Raquel.

**KSC TOASTMASTERS:** Space Center employees are constantly in the public eye and in situations which require you to represent the United States Space Program. Employees are encouraged to develop their communication and leadership skills to meet this challenge. Toastmasters International is a professional, multi-level training program for both beginning and advanced education in the critical skills of “listening, thinking, and speaking”—all important tools in both the work environment and your personal lives. NASA has recognized this by reimbursing civil servants for the cost of training. For more information on the Toastmasters organizations and the three different locations/dates for training sessions at KSC and CCAFS, contact Mike Schnoke, Jack Jamba, Bill Cleaver, Dian Hardison, or Nona Mamaradlo at 784-7502.

**WEIGHT WATCHER’S AT WORK:** Lose those extra pounds. Join the **1 2 3 Success Program—10% Difference Program** today. Meetings are held on Thursdays in the Headquarters Building, Room 2414 at 11:30 a.m.

**BARRY UNIVERSITY:** Barry University is currently accepting applications for the Master of Science in Information Technology degree program beginning on October 7. The program combines theory with structured practical applications and was developed in collaboration between the Information Technology, Computer Science and Business programs of the University. Barry offers 4 ten week terms per year with classes scheduled in the evenings and weekends and the degree can be finished within 18 months. An informational meeting will be held on September 6, 2000 at 5:30 p.m. at the Barry site located in the Home Depot Plaza, S.R. 3, Merritt Island. To reserve a seat and to request a catalog and application information please call 453-6253 or email [lgrant@mail.barry.edu](mailto:lgrant@mail.barry.edu).

**BREVARD COMMUNITY COLLEGE (BCC):** Classes start the week of August 21, it is not too late to sign up. We have a whole series of interesting classes here that you can take for credit or just audit because the subject interests you. These include: Astronomy, Meteorology, Geology, Economics, Web Page Authoring, JAVA Script, Office 2000, and many others. Call or come by the office. Our hours are Monday through Friday, 8:30 a.m. to 4:00 p.m., 449-5046.

**FLORIDA INSTITUTE OF TECHNOLOGY:** Florida Tech offers a variety of master’s degree programs at our Spaceport site, e.g. Master of Science in: COMPUTER INFORMATION SYSTEMS, SPACE SYSTEMS, MANAGEMENT, Engineering Management, Acquisition and Contract Management. Evening classes are offered at Kennedy Space Center and Patrick Air Force Base. Distance Learning courses are also available. Applications are being accepted for the fall semester, which begins August 28. For a catalog or new student application packet, please call 453-2030 or 784-2045.

**UNIVERSITY OF MIAMI:** The University of Miami is currently accepting applications for the Master of Science in Management of Technology (MOT) and the Master of Science in Industrial Engineering (MSIE) with a concentration in Engineering and Operations Management. Both programs will be taught at the Space Coast. Applicants to the Master of Science in Management of Technology can start the program November of 2000 or January of 2001. Courses are held Friday evenings and Saturday mornings to accommodate working professionals. Applicants to the Master of Science in Industrial Engineering can start in January/February. To receive an application/ brochure and to obtain further information about both degrees please call Mr. Augusto Roca, Program Coordinator at 1-305-284-4100 or send an email to [augusto@miami.edu](mailto:augusto@miami.edu).



KSC Recycles

PERSONAL

CARPOOLS

Vanpool seats: Daytona/Port Orange/New Smyrna to OPF/VAB/LCC Areas, 6:30/7:00-3:30, Steve, 861-1485/904-238-3629.  
Vanpool seats: S. Daytona to KSC Industrial/CCAS Industrial/CX17 Areas, via U.S. 1 & S.R. 3, 7:00-3:30, Armitage, 867-0848/904-788-2629.  
Vanpool seats: IHB/Satellite Beach/PAFB/CB/CC to CCAS/KSC Industrial Area, 7:30-4:30, Anderson, 867-6135/777-5632.  
Vanpool seats: Satellite Beach/CB/CC to CRCA/LOG/OSB/VAB/LCC Areas, 7:00-3:30, Wendy, 861-6001/773-5822.  
Vanpool seats: Melbourne Beach/Indialantic/IHB/CB/Cape Canaveral to CCAS/KSC Industrial Area/VAB, 7:15-3:45, Goodrich, 867-6956/725-7383.  
Vanpool seats: Melbourne to LC-39 Area, 7:00-3:30, seats available, Cam, 861-7875/259-1955.  
Vanpool seats: Melbourne to LC-39 Area, seats available, 11 passenger van, Galbraith, 861-4780/259-3138.  
Vanpool seats: Melbourne/Eau Gallie to KSC Industrial Area, 7:30-4:00, Don, 867-4634.  
Vanpool seats: Melbourne/Eau Gallie/Viera to OSB/LOG/VAB/OPF/LCC/Pad A & B, Galbraith, 861-0762/259-3138.  
Vanpool seats: Palm Bay/Eau Gallie/Viera to USBI/OSB/LCC/VAB Areas, 7:00-3:30, Adam, 861-6818/321-259-4138.  
Vanpool seats: Palm Bay/Melbourne/Eau Gallie to KSC Industrial Area, 7:00 – 3:45, Ivory, 867-7987/984-4316.  
Vanpool seats: Palm Bay/Melbourne to KSC Industrial Area, 7:30-4:00, Ed, 867-4500/676-2533.  
Vanpool seats: Palm Bay/Melbourne (Eau Gallie Blvd.)/Suntree (Baymont Inn) to KSC Industrial Area, 8:00-4:30, Ed, 867-0829/984-3861.  
Vanpool seats: Palm Bay/Suntree to LC-39/OPF/Logistics/OSB/PCC, 7:00-3:30, Mark, 861-0991/725-6677.  
Vanpool seats: Palm Bay/Eau Gallie/Suntree to USBI/OSB/LCC/VAB/OPF Areas, 7:00-3:45, Dan, 861-2488/952-8840.  
Vanpool seats: Palm Bay/I-95-Malabar Road/Melbourne to CCAS Industrial Area, Rick, 853-9807/722-3649.  
Vanpool seats: Daytona/New Smyrna to OPF/VAB/LCC/Pads/ARF, 7:00-3:30, Tom, 867-7042/904-409-3923.  
Vanpool seats: E. Orlando/Hwy. 50 Tiffanys/Wal-Mart/Bithlo to LC-39 Areas/Heavy Equip./OSB/Complexes/PCC, 7:00-3:30, Gene, 861-0731/677-7394.  
Vanpool seats: E. Orlando/Sam’s/Wal-Mart/Bithlo to LC-39 Areas/OSB/Complexes/PCC/OPF Areas, 7:00-3:30, Buddy, 867-3794/657-4941.  
Vanpool seats: Orlando/Conway Area via Hwy. 50 to KSC North Areas, 7:00-3:30, Schaefer, 861-5640/273-3048.  
Vanpool seats: Orlando/Conway/Union Park/Bithlo to VAB, USBI, OSB & Wiltech Areas, 7:00-3:45, Fishell, 861-2470/407-859-4009.  
Vanpool seats: Orlando Fashion Square/Hwy. 50/Sam’s Club to O&C/HQ/CIF/LC-39 & Logistics Areas, Al, 867-4457/894-3068.  
Vanpool seats: Orlando/West 50 & Hiawassee/Metro West/Goldenrod & E/W /Alafaya & 50 to KSC Industrial Area, 7:15-4:00, Ed, 867-3587/299-7543.  
Vanpool seats: E. Colonial at Alafaya to KSC Industrial Area, 7:30-4:00, Pat, 867-7889/407-657-8704.  
Vanpool seats: E. Colonial at Alafaya/419 Park & Ride to LC-39 Areas & ARF, 7:00-3:30, Brinko, 861-4986/407-971-0122.  
Vanpool seats: E. Colonial to HQ/O&C/SSPF Areas, 8:00-4:30, Au-Mai, 867-2697/381-0183.  
Vanpool seats: E. Colonial at Alafaya to KSC Industrial Area, 8:00-4:30, Erik, 867-4684/657-6032.  
Vanpool seats: E. Colonial at Alafaya/419 Park & Ride to KSC Industrial Area, 7:00-3:30, David, 867-7138.  
Vanpool seats: E. Colonial at Dean Road/419 Park & Ride to KSC Industrial Area, 7:00-4:00, Browning, 867-7468/277-8997.  
Vanpool seats: W. Colonial/Kirkman Road/Dean Road/Bithlow Park & Ride to LC-39 Areas, 7:00-3:30, Hall, 861-5355/422-3681.  
Vanpool seats: Scottsmoor/Mims/Titusville to O&C/CCAS Industrial Areas, 7:00-3:30, Leon, 853-5231/383-1116.  
Carpool: E. Colonial/Alafaya/S.R. 50 Park & Ride to VAB/OSB Areas & O&C Area, 7:30-4:00, Kim, 867-3911/380-8787.  
Carpool: N. Melbourne to KSC Industrial Area, 6:30-3:00, Lois, 867-3072/254-4866.  
Carpool: Sanford/Geneva/Oviedo to OSB/VAB Area, 7:00-3:45, Chris, 861-2188/321-8461.  
Carpool: Sanford/Geneva/Mims I-95 to NSLD, 6:30-4:00, Len, 799-7095/325-6894.  
Ride needed/form carpool: Coventry of Cocoa (Highway 524) to O&C Building, 8:00-4:30, Setzer, 867-8681/639-9062.  
Ride needed/form carpool: Daytona Beach to SSPF, non-smoker, 8:00-4:30, Ray, 867-0789.  
Ride needed/form carpool: N. Melbourne/Eau Gallie to LCC area, flexible hours, David, 861-6994/259-8944.  
Ride needed/form carpool: N. Melbourne to LCC area, second shift, Ralph, 861-1338/259-8944.  
Ride needed/form carpool: Orlando to KSC Industrial Area, non-smoker, 9:00-5:30, Lewis, 867-2548/407282-2908.  
Ride needed/form carpool: Rockledge to CCAS/ROCC, 7:00-3:00, Wallace, 853-5211/633-9434.  
Ride needed/form carpool: Titusville, U.S. 1 to Patrick AFB, AFTAC Area, Shawn, 867-3073/259-6679.  
Ride needed/form carpool: S. Titusville to CCAS Industrial Area, non-smoker, 7:00-3:30, Williams, 853-2592/268-2974.  
Ride needed: S. Titusville at Barna & Hwy. 50, to KSC Industrial Area, non-smoker, 7:00-3:30, Nancy, 867-2260/269-2695.

GARAGE SALE

Garage sale: August 18-19, 8-12, Port St. John, 6851 Sweet Bay Court, lots of stuff, Jackson, 633-4732.

REAL ESTATE FOR SALE

House: Viera, 801 Wickham Lakes Drive, 3-B/R, 2-bath, 1509 sq. ft. under air, \$102,900, De Moat, 504-0265.  
Townhouse: Cape Canaveral, Ocean Woods, 3-B/R, 2 1/2-bath, 1-car garage, recent upgrades, 2 pools, tennis/racquet ball, more, \$99,500/B.O., 784-1834.



**AUTOMOBILES & RV'S FOR SALE**

1971 Chevy Camaro RS, S.M. V8, restored, split front bumpers, headers, radical cam, all chrome under hood, black/silver stripes, \$9385/B.O., 459-0462.  
1973 MGB Roadster, red w/black top, excellent condition, \$3900, parish, 267-8212.  
1981 Ford F100, 300, 6-cylinder, 3-speed w/overdrive, needs engine, \$395/B.O.; 1983 Mustang hatchback, no motor, transmission, \$195, 636-0184.  
1982 GMC pickup, high performance 350, toolbox, bed cover, new tires/brakes, low miles on engine/transmission, body needs work, \$1800/B.O., 453-3419.  
1985 Ford Tempo, 4-cylinder, 4-door, good work car, very little rust, runs good, \$550/B.O., Bassett, 631-7977.  
1985 Toyota, 4wd, 20,000 on rebuilt motor, 33" tires, Gillooley, 268-2053, days.  
1987 Pontiac Fiero, rebuilt V6, high performance, 4-speed shift, new A/C, retro fitted, over \$8000 invested, \$5885/B.O., Lee, 459-0462.  
1987 Datsun pickup, 5-speed, A/C, good work truck, \$695, Bob, 267-7034, evenings.  
1987 Ford Econoline 150 high top van, V6, 4 captain's chairs, rear queen bed/seat, 118,000 miles, B.O., McElrath, 267-7975.  
1990 GMC hi-top camper van, 3/4 ton, 350 A/T, dual air, AC/DC refrigerator, TV/VCR, sink, extra clean, runs well, \$4800, Parish, 267-8212.  
1992 Isuzu Impulse DOHC, RS 2-door coupe, turbo, all wheel drive, A/C, alloy wheels, needs shocks/muffler, 100,000 miles, \$2800/B.O., 407-678-7671.  
1992 Mercury Grand Marquis, V8, cold A/C, 110,000 miles, excellent interior, no rust, very reliable, \$5000/B.O., Dahl, 452-5062.  
1993 Honda Accord EX, sunroof, P/W, P/L, spoiler, black, excellent condition, \$1000 cash, T.O.P. of \$225/month, Franklin, 868-5148, leave message.  
1994 Lincoln Towncar, emerald green, loaded, excellent condition, \$8000, Charlie, 632-8104.  
1994 GMC custom van, V8, front/rear air, A/T, TV, VCR, all accessories, 72,000 miles, excellent condition, \$12,300, Winfrey, 784-5248.  
1994 Dodge Grand Caravan, V6, A/C, A/T, P/W, P/L, C/C, tilt, everything works, 70,000 miles, \$10,000/firm, Debbie, 452-9688, evenings.  
1994 Mallard 31' travel trailer, sleeps 6, bedroom, bath, microwave, stove/oven, \$7995, Sturgill, 264-9465.  
1994 Dodge Dakota pickup, V6, 5-speed, A/C, black w/gray interior, 76,000 miles, \$5500/B.O., Ilona, 631-4355.  
1994 Nissan Maxima GXE, V6, A/C, P/W, P/L, keyless entry, black/gray, 62,600 miles, 1 owner, garage kept, \$7300, Cooper, 452-5523.  
1995 Ford Mustang, V6, cold A/C, alarm, alloy wheels, low miles, great gas mileage, extra clean, \$9850/B.O., Rick, 267-6797, leave message.  
1995 Volkswagen Jetta III GL, 4-door, A/C, A/T, AM/FM/tape, sunroof, black/gray interior, 85,000 miles, Jerri, 752-4783.  
1997 Mazda Miata, A/T, new tires/wheels, 39,000 miles, black on black, excellent condition, \$14,500, 639-8865.  
1997 Ford Mustang, 5-speed, 53,000 miles, new tires, CD player, T.O.P., Colman, 269-1325.  
1999 Mitsubishi Eclipse, A/T, O/D, P/L, P/W, red w/tan leather, CD w/6-speakers, 27-30 mpg, excellent condition, \$17,500, 868-5148, leave message.

**HOUSEHOLD FURNISHINGS FOR SALE**

Glider rocker, new condition, \$40, Cramp, 407-365-6802.  
Glass topped dining table, 4 chairs, \$150; 8-drawer dresser w/mirror, \$50; Sealy queen mattress, complete, \$200; Lisa, 254-5312.  
White metal full sized headboard w/porcelain knobs, \$60/B.O., Bush, 636-8817, after 6 p.m.  
Queen waterbed, full motion w/lighted bookshelf headboard, oak, good condition, \$200, Okray, 432-9617.  
Broyhill Fontana California king bed, new, never used, no siderails, \$300/B.O., Ron, 269-3423.  
Double Dolphin base, glass topped cocktail table & end table, \$100/both, Harrison, 639-8924.  
Queen/full headboard, dresser w/mirror, \$75; queen mattress set, like new, \$100, Thews, 453-3431.  
Leather sofa, loveseat, chair, ottoman, cream color, like new, \$2500/B.O.; queen black 4-poster bed frame w/overhead rails, iron look, \$75/firm, 383-2245.  
Pedestal table, 3-piece, w/leaf, 4 chairs (1 captain's), lighted china cabinet w/new glass shelves & glass inserts for doors, good condition, \$650, 853-0441.  
Twin bed w/mattress, \$75; handmade quilt w/matching bear, \$30; sofa & loveseat, \$325; 2 end tables, \$50; coffee table, \$75, Janet, 264-9448.  
Thomasville 6-drawer men's dresser, light oak, tongue & groove drawers, new, \$200, Pannullo, 631-2548.  
Bedroom suite, black finish, \$160/B.O.; futon bunkbed w/mattress, like new, \$180/B.O., Rodriguez, 253-9649, after 4:30 p.m.  
Sleeper loveseat w/full sized storage ottoman, light green stripe, excellent condition, \$150, Cosgrove, 799-2659.  
King waterbed w/mirrored headboard, \$125; padded rails & padded foot bench, \$50, Sigh, 454-4659.  
Rattan dinette set w/42" glass top, \$250; PVC patio set, \$250, Grimm, 777-6063, after 6:30 p.m.  
Double bookcase headboard, \$50, Nann, 453-1063.  
Glass topped dinette w/4 chairs, \$50; oak & smoked glass coffee table, 2 end tables, \$125; sofa w/end recliners, \$225, Brodersen, 453-0264.  
Entertainment center, 3-pieces, \$550; coffee table, large end table, custom end table w/doors, all solid oak, whitewashed finish, \$350, Gerri, 639-6772.  
Sectional sofa, good condition, \$75; sofa, very good condition, \$50; dining table, no chairs, \$75, Peluso, 636-0184.  
Captain's quarters bunkbeds, nightstand, 4-drawer chest, \$350; twin sport support mattress, 2 total, \$100, Dugger, 454-4786.

**APPLIANCES FOR SALE**

Whirlpool over-the-range microwave, excellent condition, \$75, Cramp, 407-365-6802.  
G. E. stove, almond, like new, \$100; refrigerator, 18 cu. ft., almond, door shelf damaged, must pick up, \$25, 868-2911.  
G. E. refrigerator, 18 cu. ft., white, looks/runs great, \$175; G. E. dishwasher, almond, excellent condition, \$85; G. E. electric stove, \$140, 432-9617.

**MOTORCYCLES & EQUIPMENT FOR SALE**

1988 Yamaha Venture Royale, 1300cc, 63,000 miles, white/tan touring, AM/FM/tape/CB/intercom/cruise, trailer hitch, more, \$4000/B.O., 254-6233.  
1992 Harley Davidson Sportster 1200, many extras, 37,821 miles, \$8000, George, 269-3470.  
1998 Motorvation Engineering cargo motorcycle trailer, 20 cu. ft., 350 lb. capacity, 125 lbs., black gelcoat finish, Harley design, \$1150, David, 385-1104.  
1998 Harley Davidson Ultra Classic, black, \$2000 in extra chrome, 8000 miles, perfect condition, \$18,500, Rickelman, 904-423-3423.  
KTM 50 SX Pro dirt bike, \$1300/B.O., 385-3010.

**BOATS & EQUIPMENT FOR SALE**

14' aluminum V-hull, oversized steel trailer, \$500, Weber, 452-9303.  
15' Bonita bowrider, 70 h.p. Johnson, new galvanized trailer, used 1 time, runs great, \$1750/B.O., Scott, 452-1675.  
15'9" Gheenec, swivel seats, 2 paddles, flotation devices, spare tire w/trailer, \$725, Willett, 268-5327.  
16' Hobie Cat catamaran, complete main & jib sails, galvanized trailer, extras, excellent condition, \$990, Thornton, 407-366-8756.  
19' Carolina Skiff, 1994, center console, bow deck, storage seat, fishfinder, 2000 Magic Tilt trailer, no motor, \$3500/B.O., Dave, 636-3394.  
Force outboard, 125 h.p., need work, \$300, Allan, 637-1686.  
1991 Sea Doo Bombardier, dealer overhauled, broken in, trailer, \$2500, Moore, 267-6673.  
1997 Sea Doo GTX, low hours, mint; 1996 Polaris SLT 700, low hours, double trailer, locking tote box, exc. cond., \$7900, purchased 9/98, 267-9499.  
Bass Tracker ABS hi-impact plastic pond boat, 47"x94", removable/adjustable 360 degree swivel seats, 500 lb. capacity, 3 h.p. O/B, \$250, 631-4051.

**MUSICAL INSTRUMENTS & ELECTRONIC EQUIPMENT FOR SALE**

Nintendo w/games; Sega w/games, Bush, 636-8817, after 6 p.m.  
Lithium Ion Sharp camcorder batteries, 3.6V, 4050 mah, BT-L12U/22U, fits VLD5000, E450, H450, H450U, H410U, H500, more, \$40/each, 365-6802.  
Palm Pilot Professional w/cradle, software, in box, \$75; Ericsson KH668 digital/analog cellular telephone, ATT Wireless w/chargers, case, \$30, 432-9617.  
Laser printer, 12 ppm, under warranty, new, \$225, Taylor, 454-9522.  
Sharp UX-114 fax machine, works fine, \$25, Harrison, 639-8924.  
Wurlitzer upright piano, medium oak, very nice, \$550/B.O., Jackson, 633-4732.  
Minolta Weathermatic Dual 35 underwater camera, auto focus/flash/film advance/rewind, case, waterproof film case, underwater sight kit, \$185, 853-0441.  
UPS PC battery backup & surge protector, all paperwork included, never used, \$40, B.O., McMullen, 729-6948.  
Baldwin Fanfair Deluxe Theatre organ, Model 135, many features & special effects, like new condition, \$2800/B.O., Russ, 631-7957.  
SVGA 14" monitor, \$50; motherboard, 100 MHz, 32 Mb, \$20; video card, \$10; sound card, \$10; 56K V90 modem w/mic, \$15, Smithers, 407-366-9262.  
Nokia 5160 cellular telephone w/100 minutes for \$20/month, take over contract until December, Joe, 633-7664.  
Optimus DSS receiver w/ H card, \$300/B.O., Trapp, 637-0271, after 4 p.m.  
Kenmore dehumidifier, 2-speed, adjustable humidity setting, caster wheels, like new, \$40, Corsillo, 453-8171.  
Qualcomm Model 1960 cellular telephone w/battery, lightweight, thin, fits in pocket, new, \$50/B.O., Romero, 773-4974.  
Minolta 35mm Weathermatic underwater camera, \$60, 456-5679.  
Wurlitzer upright piano, 1930's art deco, walnut, recently refurbished & tuned, matching bench, \$1800/B.O., Milbourne, 779-8783.  
Ericsson LX677 cellular telephone w/charger, \$20, Spangler, 267-9499.

**MISCELLANEOUS FOR SALE**

Garage door, single car, new, \$175; 3-0 pre-hung metal door, new, \$35, Cramp, 407-365-6802.  
Bi-fold louvered doors, various sizes, \$12/each; ceiling fan w/light, 4 blade, 3-speed, \$15; kitchen sink w/faucet, corner style, SST, \$30, Okray, 432-9617.  
Swing set, \$50, Bush, 636-8817, after 6 p.m.  
Radio controlled aircraft supplies: balsa wood, trainer airplane, Futaba radio, \$375; lawnmower, 1 year old, \$65, Ludwiczak, 459-9918, leave message.  
Soft Tonneau cover for late model Chevrolet S-10 pickup, black, no drilling, \$150, Rickelman, 904-423-3423.  
Snapper 33" riding lawnmower, 11 h.p. Honda engine, regular & mulching blades, grass catcher, thatcherizer, \$350; McLane 3 h.p. edger, \$75, 452-8928.  
Aquarium, 50 gallon, stand, \$50, Taylor, 631-2738, evenings.  
Weider home gym w/stepper, \$200/B.O., Taylor, 631-2738, evenings.  
Leather bike chaps, size 10, black, practically new, \$50, Taylor, 631-2738, evenings.  
Delta sawbuck, portable radial arm saw, \$75/B.O.; Wagner commercial paint sprayer, hoses, gun, cart, paint pot, \$150/B.O., Petersen, 453-7947.  
1996 GT Tempest mountain bicycle, 21-speed, Shimano STS, gray, CRO-MO frame, toe clips, like new, never off road or left outdoors, \$275, John, 853-0441.  
Ryobi Gas Trimmer Plus, 31cc, 16" cut, \$40/B.O.; Murray Ultra self-propelled lawnmower, mulch or bag, \$35/B.O., McMullen, 729-6948.  
Aquarium, 10 gallon, pump, filter, aerator, supplies, light included, Russ, 631-7957.  
Wheels, 5 spoke, off BMW Z3, size 16x7, 5x120 lug pattern, 47mm offset, \$150/firm, Jose, 268-9957.  
Treestands: climbers, ladders, fixed position, all new, Kuhn, 269-5458.  
Football cleats, rubber, Nike Sharks, size 10, excellent condition, \$15, Dahl, 452-5062.  
Portable basketball goal, \$75; swing set, \$50; 20" BMX racer bicycle, \$150; 60 gallon octagon aquarium w/fish, \$200, Joe, 633-7664.  
Trailer hitch, fits 1992-1999 Suburban, new, heavy duty 2" receiver type, mounting hardware included, \$50/B.O., Corsillo, 453-8171.  
Spa heater, self-contained, 240/120 volt; spa cartridge filter system, \$150, Moore, 267-6673.  
Gold framed shower door, \$25; small cat door, for sliding glass door, new, McElrath, 267-7975.  
Small crank-out windows, fits 8" x 18" cutout, 2 total, \$20, Hank, 631-3879.  
Radial tires, 235/75/15, 4 total, \$50, Nelson, 633-6480.  
Shogun Shiatsu massager, new, \$60; Oster chair type heater/vibrator, chair style back, \$30, Vetsch, 452-8184, after 5 p.m.  
Weight lifting bench w/leg lift, appx. 200 pounds of steel weights, good condition, \$75, Peluso, 636-0184.  
2-horse trailer, GN stock-combo, aluminum skin, mid-tack, living area, A/C, bath, refrigerator, MW, awning, king bed, 7 1/2' tall, \$10,000/B.O., 267-8086.  
Wedding gown w/train, candlelight ivory satin, seed pearls/sequins/flora roses on bodice, size 4, veil w/circlet headpiece w/tea roses, \$600/B.O., 631-2691.

**MISCELLANEOUS WANTED**

Twin bed frame w/headboard & footboard; washer & dryer, good condition; aluminum topper for small Nissan pickup, Bundy, 984-8114.  
Little Tikies: big outdoor play castle; blue child sized tugboat; orange semi-truck w/race car & blue gas pump, excellent condition, McAmis, 268-1578.  
Set of ladies golf clubs, Allen, 454-3379.

**FOR SALE OR TRADE**

Fiberglass topper for sale, trade for aluminum topper for small Nissan pickup, Bundy, 984-8114.  
McDonald's international bears: need Germania, Spankle bear, have The End bear, Gunter, 267-5133.